

ABSTRACT

A housing (11) has a piston (17) inserted thereinto. A pull rod (12) is connected to the piston (17). An annular collet (13) is externally fitted onto the pull rod (12). When clamping, an engaging member (14) provided on a peripheral wall of the collet (13) is inserted into an engaging hole (2) of a workpiece (1) and the piston (17) is lowered. Then a tapered outer peripheral surface (12a) of the pull rod (12) diametrically expands the engaging member (14) to engage it with the engaging hole (2) and the collet (13) slightly descends against a push spring (27). Thus a downward driving force acting on the pull rod (12) is transmitted to the workpiece (1) via the engaging member (14) and the workpiece (1) is pulled and fixed to a support surface (S) of the housing (11).

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